

## Claims

1. A method for continuous culture of the anaerobic microorganisms that is active cell population is maintained constant, when the fermentation is operating continuously by feeding substrate and alkaline alternatively, residual glucose concentration of the culture liquid can be controlled by feeding the substrate that rate is equal to alkaline consumption rate.
2. The method for continuous culture of the anaerobic microorganisms according to Claim 1, wherein the residual glucose concentration is maintained constantly by feeding substrate of molarity that is equal to cumulative consumption molarity of alkaline added in order to control pH of the culture liquid.
3. The method for continuous culture of the anaerobic microorganisms according to Claim 1 or 2, wherein the using diluted alkaline solution forms large dilution effect of culture liquid resulting high specific activity of the microorganisms and high volumetric productivity are maintained.